

Title (en)

ELECTRODE BINDER COMPOSITION FOR RECHARGEABLE BATTERY AND ELECTRODE MIXTURE INCLUDING SAME

Title (de)

ELEKTRODENBINDEMITELEZUSAMMENSETZUNG FÜR WIEDERAUFLADBARE BATTERIE UND ELEKTRODENGEMISCH DAMIT

Title (fr)

COMPOSITION DE LIANT D'ÉLECTRODE POUR BATTERIE RECHARGEABLE ET MÉLANGE D'ÉLECTRODE LA COMPRENANT

Publication

**EP 3979371 A1 20220406 (EN)**

Application

**EP 20814798 A 20200528**

Priority

- KR 20190062679 A 20190528
- KR 20200063199 A 20200526
- KR 2020006877 W 20200528

Abstract (en)

The present disclosure relates to an electrode binder composition for a rechargeable battery and an electrode mixture comprising the same. The electrode binder composition for a rechargeable battery of the present disclosure not only has excellent properties in terms of binding strength, mechanical properties, and the like, but also can maintain structural stability of an electrode even after repeated charge/discharge cycles, thus improving rechargeable battery performances.

IPC 8 full level

**H01M 4/62** (2006.01); **C08L 9/06** (2006.01); **C08L 9/10** (2006.01); **H01M 4/13** (2010.01); **H01M 10/052** (2010.01)

CPC (source: EP US)

**C08L 9/10** (2013.01 - US); **H01M 4/0404** (2013.01 - EP); **H01M 4/139** (2013.01 - EP); **H01M 4/587** (2013.01 - US); **H01M 4/622** (2013.01 - EP US); **H01M 4/625** (2013.01 - US); **H01M 10/052** (2013.01 - EP); **H01M 10/0525** (2013.01 - EP US); **C08L 2203/20** (2013.01 - US); **C08L 2205/025** (2013.01 - US); **Y02E 60/10** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3979371 A1 20220406**; **EP 3979371 A4 20220803**; JP 2022527933 A 20220607; JP 7325886 B2 20230815; US 2022209238 A1 20220630; WO 2020242205 A1 20201203

DOCDB simple family (application)

**EP 20814798 A 20200528**; JP 2021557881 A 20200528; KR 2020006877 W 20200528; US 202017609242 A 20200528